

Date: Tue, 27 Apr 93 06:34:41 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #501  
To: Info-Hams

Info-Hams Digest                      Tue, 27 Apr 93                      Volume 93 : Issue 501

Today's Topics:

                    Alternative audio system  
                    Amiga CW Software  
                    AM Moulution Question  
                    CQ DX  
        Daily Solar Geophysical Data Broadcast for 26 April  
                    Fact or Fiction???  
                    KDK 2025 Manual  
                    no-code defense  
                    North Texas Microwave  
                    Raising our profile  
                    Want some advice.  
                    Wayne-Kerr RF bridge  
                    What offsets are used for vh  
    What offsets are used for vhf-hi public service repeaters

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 26 Apr 93 15:14:44 GMT  
From: ogicse!emory!europa.eng.gtefsd.com!gatech!concert!samba!  
        usenet@network.UCSD.EDU  
Subject: Alternative audio system  
To: info-hams@ucsd.edu

I heard a suggestion about improving audio from HT's while traveling in  
your car: Purchase a CD adapter for your tape deck and plug into the  
speaker output on your HT! RS sells this adapter (12-1951 "93 catalog)

for \$19.95.

I haven't tried it yet, but several of us thought it sounds like a neat idea. Those who have tried it say it works great. Just thought I'd pass it along.

--

The opinions expressed are not necessarily those of the University of North Carolina at Chapel Hill, the Campus Office for Information Technology, or the Experimental Bulletin Board Service.  
internet: laUNCHpad.unc.edu or 152.2.22.80

-----  
Date: 25 Apr 93 13:00:34 EDT  
From: usc!sdd.hp.com!nigel.msen.com!ilium!sycom!instem!bb19s20@network.UCSD.EDU  
Subject: Amiga CW Software  
To: info-hams@ucsd.edu

I've heard about SuperMorse for the IBM...Does anyone know of any good Morse software for the Amiga? Of course without any FLAMES directed at the Amiga.

Bill N8XRC

-----  
Date: Sun, 25 Apr 1993 19:27:46 GMT  
From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!theporch!jackatak!jackhill@network.UCSD.EDU  
Subject: AM Modulation Question  
To: info-hams@ucsd.edu

u1066579@csdvax.csd.unsw.edu.au writes:  
> broadcast transmitters modulate the final RF stage? Are there any  
> disadvantages to modulating stages prior to the final RF stage.

Yes, there are very GOOD reasons to modulate the final stage and not prior stages.

First, the efficiency of the final RF stage is an issue. If the final amp is modulated, it can run class "C", which is very efficient, but also NOT linear...on the order of 70% of input power comes out the back end to the antenna. The fidelity of the modulation is not affected by the final amp being driven class "C".

If the modulation is applied to a prior stage, then the ENTIRE signal, modulation (both side bands) \*AND\* the carrier must be applied to the control (grid) circuitry of the final stage and must be faithfully

reproduced, which requires either a) linear class "A" amplifiers -- which are typically about 25% efficient ...yeah, LOTS of wasted power; or b) a "push-pull" class "B" amp, typically about 50% efficient.

Thus, by modulating earlier stages than the final RF Amp, the broadcaster increases his power bill dramatically, and sees absolutely NO benefit from it.

And, to show you what an "Old Buzzard" I am, I can not explain how a high power solid-state broadcasting transmitter would be modulated. However, for the Fire-Bottles technology with which I am familiar, the modulation is NOT on the control grid of the final amp...that is where the RF energy is input. Modulation is generally on the PLATE circuit, as close to the antenna as possible! ;^)

Hope that helps...

73

```
+-----+
| Jack GF Hill      |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685    |Modem: (615) 377-5980 -          Compu$erve 76427,31 |
| Brentwood, TN 37024|jackhill@jackatak.raider.net -      Ham Call: W4PPT |
+-----+
```

-----  
Date: Sat, 24 Apr 1993 16:13:18 GMT

From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!  
theporch!jackatak!jackhill@network.UCSD.EDU

Subject: CQ DX

To: info-hams@ucsd.edu

randyh@gvgadg.gvg.tek.com (Randy Hall) writes:

> CQ DX

> So, I was thinking about working DX over internet and see

> if I can get enough replies for DXCC. So if you are outside of the USA,

> please email me a message confirming this CQ DX message.

First off, confirming a CQ DX message is NOT two-way, and hence would qualify you only for an InterNet/UseNet endorsed SWL award ;^)

Second, why not post interesting things so that people WANT to e-mail with you (a similar problem exists on HF and other bands as well... dull boring cookie-cutter QSO formats that bore even the list-takers) instead of jumping in and turning your amplifier on and screaming: "CQ DX!"

> 73s & thanks,

And, fourth, since 73 equates to "best regards" it really doesn't need the extra "s" at the end.

Sheeeeeesh! Next I suppose some bozo will set up a net (r.r.a.list\_taker) and "help" newbies make the honor roll... speech processor (all caps ;^) blaring, beaming to.... maybe the UHF spectrum and EME \*is\* a better place without CW required for the ticket to play.

73

```
+-----+
| Jack GF Hill      |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685    |Modem: (615) 377-5980 - Compu$erve 76427,31 |
| Brentwood, TN 37024|jackhill@jackatak.raider.net - Ham Call: W4PPT |
+-----+
```

-----  
Date: 27 Apr 93 04:52:25 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Daily Solar Geophysical Data Broadcast for 26 April  
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 116, 04/26/93  
10.7 FLUX=123.3 90-AVG=131 SSN=081 BKI=1131 1111 BAI=004  
BGND-XRAY=B3.8 FLU1=6.9E+05 FLU10=1.5E+04 PKI=1232 2222 PAI=007  
BOU-DEV=009,009,034,007,008,008,006,007 DEV-AVG=011 NT SWF=00:000  
XRAY-MAX= C1.2 @ 0433UT XRAY-MIN= B3.2 @ 2218UT XRAY-AVG= B5.0  
NEUTN-MAX= +000% @ 0005UT NEUTN-MIN= +000% @ 0005UT NEUTN-AVG= +0.0%  
PCA-MAX= +0.0DB @ 0005UT PCA-MIN= +0.0DB @ 0005UT PCA-AVG= +0.0DB  
BOUTF-MAX=55403NT @ 1301UT BOUTF-MIN=55364NT @ 1846UT BOUTF-AVG=55389NT  
GOES7-MAX=P:+137NT@ 1750UT GOES7-MIN=N:-010NT@ 0729UT G7-AVG=+092,+038,+012  
GOES6-MAX=P:+157NT@ 1725UT GOES6-MIN=N:-077NT@ 0557UT G6-AVG=+108,-011,-046  
FLUXFCST=STD:120,115,115;SESC:120,115,115 BAI/PAI-FCST=010,010,005/010,010,010  
KFCST=2125 4121 2225 4121 27DAY-AP=016,009 27DAY-KP=3333 4433 4221 2322  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 25 APR 93 was 50.2.  
The Full Kp Indices for 25 APR 93 are: 3- 3+ 4- 4- 2o 2o 3- 2o

-----  
Date: Mon, 26 Apr 1993 05:20:56 GMT  
From: nwnexus!ole!ssc!tad@uunet.uu.net  
Subject: Fact or Fiction???  
To: info-hams@ucsd.edu

In article <C5wG6z.Mt@srngenprp.sr.hp.com> alanb@sr.hp.com (Alan Bloom) writes:

>Daniel D. Todd (ez006683@othello.ucdavis.edu) wrote:

>: bobm@anasazi.com (Bob Maccione) writes:

>: :

>: : ... The FCC is using a new device that records the exact location

>: : of the transmitter and its "finger print". Apparantly each

>: : transmitter has a unique electronic signature that is comparable

>: : to a finger print. This signature has been accepted by the court

>: : as positive idenfication.

>: :

>: Seems pretty far fetched to me. But I think I'll let this urban

>: legend live on if it'll keep the bootlegers off the ham bands. In fact

>: maybe I'll [post it on the bulletin board at the airport, since we have

>: ultralights flying around sometimes.

>

>I think the ID device uses the characteristics of the frequency "chirp"

>that occurs when a transmitter is first keyed. Synthesized radios generally

>have not quite settled at the new frequency by the time the transmitter

>keys up. Even with crystal-controlled radios, the transmit oscillator

>takes a few milliseconds to settle down when it first comes on.

>

>Every radio, even of the same make/model, will be slightly different in

>this regard. If you can measure the turn-on frequency characteristics

>accurately enough, you could identify the specific radio.

>

Dr. Phil Ferrill, K7PF, has been using a system like this on the

146.88 MHz Seattle Repeater for at least the past decade. He

can identify repeater kerchunkers by their transmitter fingerprint.

I think he has a database of fingerprints that are linked to calls

heard.

>

--

	tad@ssc.com	(if it bounces, use 3288544@mcimail.com)	
	Tad Cook	Packet Amateur Radio:	Home Phone:
	Seattle, WA	KT7H @ N7DUO.WA.USA.NA	206-527-4089

-----

Date: 26 Apr 93 04:36:57 GMT

From: ogicse!emory!sol.ctr.columbia.edu!zaphod.mps.ohio-state.edu!cs.utexas.edu!

not-for-mail@network.UCSD.EDU

Subject: KDK 2025 Manual

To: info-hams@ucsd.edu

Sorry if this is a dupe, but it hasn't shown up at our site yet and it doesn't usually take >2 days....

----- Forwarded message -----

Date: Fri, 23 Apr 1993 13:09:46 +0600 (CST)  
From: Peter Laws <plaws@uafhp.uark.edu>  
To: "mail --> news" <rec-radio-amateur-misc@cs.utexas.edu>  
Subject: KDK 2025 Manual

We are looking for a manual for the above mentioned 2m rig (KDK 2025).

Reasonable copying costs gladly paid.

Please respond via email to N5UWY (plaws@uafhp.uark.edu) or K5G0E (jsc@engr.uark.edu).

TNX ES 73

PS- Our SM maintains a database of manuals, but this one is not in it.

Peter Laws|GEnie:P.LAWS1|"The '90s are gonna make the '60s|plaws@uafhp.uark.edu  
n5uwy@ka5bml.ar.usa.noam| look like the '50s" --D. Hopper|plaws@uafsysb.bitnet

-----  
Date: Sat, 24 Apr 1993 19:21:48 GMT  
From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!  
theporch!jackatak!jackhill@network.UCSD.EDU  
Subject: no-code defense  
To: info-hams@ucsd.edu

miked@nauvax.ucc.nau.edu writes:

> I am currently a no-code (N7YIR). I plan to upgrade as soon as I am finished  
> with school. My wife and I are both full-time students and we have two kids  
> so I do not have a lot of "extra" time to study code.

Actually, Mike, you are an Amateur, who happens to have a VHF license.  
COngratulations on your entry into the hobby, and my personal best  
wishes for your success in upgrading to whatever level suits you and  
makes you comfortable.

You say you scarcely have time to talk on your radio, but you describe  
driving frequently. Am I missing something here, or do you not have a  
good mobile installation? I'd be happy to help you with suggestions if  
you'd like, probably e-mail rather than r.r.a.m would be better.

> The no-code entry for me was perfect  
> because I have wanted to be an amateur for quite some time, but did not  
> have the time to study code.

Excellent. That was the intent, as I understood it, of the VHF-privileged Technician ticket. All grumbling by the OFs aside, the system seems to be working far better than anticipated, because about 60% or more of newly licensed Technicians upgrade to a license including CW within a short time of entering the hobby. I applaud your initiative and would offer you help when the time comes. The important thing is you did not stay out of amateur radio wishing you could get in and play...you got in and intend to learn more. Good for you.

> I just wanted to defend myself since there seems to be a lot of flaming to  
> no-codes.

You have no reason nor need to defend yourself. That is not the direction the flames seem to be taking, though I had better raise my own shields ("Raise Flame Shields, Scotty! ;^) The main thread of the flamfest seems to be at people who get a ticket and camp out on a repeater, yakking like 11 meters, with no interest in learning nor in participating in the hobby beyond a huge party line...

> I understand the importance of code  
Wish I did... ;^)

> Not all of us are bad.

Nope. Many are right fine Hams, and I am proud to teach and elmer them into the hobby.

73

```
+-----+
| Jack GF Hill      |Voice: (615) 459-2636 - Bicycling and SCUBA Diving |
| P. O. Box 1685    |Modem: (615) 377-5980 - Compu$erve 76427,31 |
| Brentwood, TN 37024|jackhill@jackatak.raider.net - Ham Call: W4PPT |
+-----+
```

-----  
Date: 26 Apr 93 14:34:40 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!tamsun.tamu.edu!cs.tamu.edu!  
willis@network.UCSD.EDU  
Subject: North Texas Microwave  
To: info-hams@ucsd.edu

Anyone have a snailmail, Internet email, packet address or phone number for the North Texas Microwave Society?

Thanks in advance.

willis@cs.tamu.edu

-----

Date: 26 Apr 93 14:21:59 GMT  
From: ogicse!emory!europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!  
mixcom.com!mei.mon@network.UCSD.EDU  
Subject: Raising our profile  
To: info-hams@ucsd.edu

In <1993Apr21.232006.29567@microsoft.com> laurahal@microsoft.com (Laura Halliday)  
writes:

>I don't like the situation one bit, and am wondering what we can do  
>about it. Not only is ham radio fun, but it strikes me as a uniquely  
>exciting way of getting people interested in electronic (and other)  
>technology, and hopefully helping to grow the crop of engineers and  
>other techies they keep telling us the economy needs.

>Comments?

>...laura, VE7LDH

One of the local repeater clubs in our area is passing out bumper  
stickers. They had a bumper-sticker design contest "advertised"  
over the air (on the repeater). About 10 different designs were  
voted on at the last meeting.

The sticker says something like...

"Tune in to high-tech amateur radio!"

A person's hand is shown gripping an HT with lightning bolts flying out  
of the antenna. Pretty cool! All the club members have one (at least)  
on their car. The repeater's output frequency is also on the sticker.

-----  
Kevin Jessup, N9SQB

Temporarily using our companies corporate account. Many other  
individuals use it as well. Please state in any E-mail follow-ups  
that the mail is intended for me so as to avoid confusion. Thanks.

Marquette Electronics, Inc. account information follows...

-----  
--  
mei.mon@mixcom.com  
-----

Date: Mon, 26 Apr 1993 01:12:27 GMT



From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!knuth.mtsu.edu!raider!  
theporch!jackatak!martinbw@network.UCSD.EDU  
Subject: Want some advice.  
To: info-hams@ucsd.edu

I returned last night from Dayton. It was an interesting trip. I was somewhat dissappointed by the ammount of not particularly HAM related junk at the flea market. I was dissappointed by the relatively few HF rigs for sale and way overpriced. About the only thing that really caught my attention is a new rig from TEN-TEC that will b avaialable in about a month. The TEN-TEC SCOUT Model 555 looks like just about the right rig for the right price. Details from their "slick" are listed below.

My biggest concerns for this rig CW & SSB only no AM or FM. Am I going to find this lack of AM & FM a serious shortcomming. Also will I be able to use my KAM+ with this rig to use RTTY, Packet, PACTOR, CW.

Also what module(s) should I start out with. My leaning is 20m, 40m, 10m. Or should I just save up and buy a TS-140, IC-737 or a Delta II. My thought is to get a SCOUT as a first rig and latter consider getting a more "Full featured" rig later. The SCOUT also seems to make a good mobile HF rig. Also, what antenna should I get. I am considering the MFJ-1796 halfwave vertical, the Cushcraft R7 halfwave vertical, or a GAP Challenger DX-VI. I live on a small lot with one scrawny tree and no room for a lot of wires or ground radials.

Any advice would be appreciated.

TEN-TEC SCOUT Model 555

Back to Basics - With Real Performance

SIMPLE: SSB or CW, just sit down and operate! Master every feature in a few minutes - no modern rig is as easy to use. Simply plug in the desired band module and work any band 160-10 meters including WARC.

SMALL: At half the size of other "small" transceivers, SCOUT makes mobile and portable operation a cinch. This travel companion even fits in a briefcase. Try that with other HF rigs!

SELECTIVE: Revolutionary, patented "Jones" filter. A variable bandwith 8 pole crystal filter from 500 Hz to 2.5 KHz. The right filter for every band condition at the turn of a knob. No need to buy expensive accessory filters.

POWERFUL: 50 watts output is enough power to work the world, even for a new ham. And power to spare for the skilled amateur. Runs directly off 12 volts, even the cigarette lighter in your car for easy installation.

SMART: TEN-TEC's exclusive "FLS" frequency lock system keeps VFO virtually drift free regardless of temperature variations. THE "RISC" microprocessor running at 5 MIPS also manages the large digital display and built-in iambic keyer.

LOW PRICE: At \$495, its closest competition is nearly twice the price. No other rig offers so much performance at so low a price.

SCOUT is "back to basics" and redefines value for the active amateur yearning for a second rig or the new ham searching for an affordable way to experience the world of HF communications.

FACTORY DIRECT \$495.00

Additional Band Modules: \$25.00 each

#### SCOUT ACCESSORIES:

Model 801, 160 meter plug-in band module

Model 802, 80 meter plug-in band module

Model 803, 40 meter plug-in band module

Model 804, 30 meter plug-in band module

Model 805, 20 meter plug-in band module

Model 806, 17 meter plug-in band module

Model 807, 15 meter plug-in band module

Model 808, 12 meter plug-in band module

Model 809, 10 meter plug-in band module (28.00-29.0 MHz)

Model 937, Power Supply - Matches SCOUT, 115 VAC, 60 Hz input. 13.8 VDC, 11 amp output @ 50% duty, 7 amp continuous. DC output binding posts, Fold-back current limiting, over voltage protection.

Model 297, Noise Blanker, effective on ignition and some impulse type line noise, field installable.

Model 296, Mobile bracket mounts on top or bottom of transceiver in 4 positions.

Model 607, Weighted key paddle, single paddle style with adjustable spacing.

Model 700C, Handheld mike, electret with coiled cord and 4 pin connector.

Model 291, 200 watt antenna tuner, "T" match circuit matches variety of unbalanced antenna systems.

#### GENERAL SPECIFICATIONS:

MODES: CW, LSB, USB (Normal sideband for the band in use)

FREQUENCY RANGE: All ham bands 160 through 10 meters available through plug in modules. Overshoot at upper and lower edges.

DISPLAY: 4 digit to 100 hz resolution, .56" LED

FREQUENCY CONTROL: Permeability tuned oscillator (PTO) mixed with a crystal oscillator for each band.

OFFSET TUNING: +/- 1 KHz nominal - receive

FREQUENCY ACCURACY: +/- 100 HZ @ 25 deg. C

ANTENNA: 50 ohms unbalanced. POWER REQUIRED: @12-14 VDC; 600 mA receive, 10 A transmit @ 50 watts out, 4.5 A @ 5 wats out.

CONSTRUCTION: G10 epoxy glass boards, most field replaceable. Molded plastic front panel, aluminum chassis, steel top and bottom.

DIMENSIONS: HWD 2.5" x 7.25" x 9.75" - 6.4 x 18.4 x 24.8 cm

WEIGHT: 5lbs, 3 oz - 2.4 kg

#### TRANSMITTER:

RF OUTPUT: 50 watts, ALC controlled internal adjustment to reduce

power.

DC INPUT: 125 watts maximum @ 14 volts 100% duty cycle for 5 minutes.

MICROPHONE INPUT: 200 to 50K ohms, accepts microphones with 5 mv (-62db) output. Polarizing voltage provided for electrets.

T/R SWITCHING: PTT on SSB, QSK on CW

IAMBIC KEYER: Adjustable 5 - 50 WPM. Curtis type B, 15% fixed weighting.

CW OFFSET: 700 Hz

METERING: SWR or FWD power, rear panel switched.

SSB GENERATION: Balanced modulator, 8 pole crystal filter.

CARRIER SUPPRESSION: -45dB typical

UNWANTED SIDEBAND: -45 dB typical at 1.5 KHz tone.

THIRD ORDER INTERMOD: 30 dB below two tone @ 50 watts PEP.

RECEIVER:

SENSITIVITY: .35 UV typical for 10dB @ 2.4 KHz bandwidth.

SELECTIVITY: "Jones" 8 pole crystal filter front panel adjustable 500 Hz to 2.4 KHz

DYNAMIC RANGE: 85 dB @ 2.4 KHz bandwidth at 20 KHz spacing.

THIRD ORDER INTERCEPT: +1 dBm

NOISE FLOOR: -126 dBm typical

S-METER: Calibrated for 50 uV at S9

I-F FREQUENCY: 6.144 MHz

NOISE BLANKER: Optional plug-in board

AUDIO: 1 watt @ 8 ohms with less than 2% distortion

SPEAKER: 3 inch

Made in USA

...America's Best! TEN-TEC 1185 Dolly Parton Parkway Sevierville,  
TN 37862, U.S.A. Orders: 800-833-7373 Office: (615) 453-7172 Fax:  
(615) 428-4483 Repair Dept.: (615) 428-0364

(I do not work for TEN-TEC, I am just passing on some info)

```
*****
* Bruce W. Martin           Internet: martinbw@jackatak.raider.net.com *
* 4558 Brooke Valley Dr.    AOL:      Dragon16                      *
* Hermitage TN 37076-2650   HAM Call: KD4WYG/AA                    *
* Voice:      (615) 872-9942                                         *
* FAX/MODEM:  (615) 885-4182                                         *
*****
```

-----  
Date: 27 Apr 93 13:15:22 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Wayne-Kerr RF bridge  
To: info-hams@ucsd.edu

I am looking for information (manuals, schematics, etc.) for a  
Wayne-Kerr RF Bridge Model B601 serial number 1410. This unit  
was made by Wayne-Kerr Labs in Chesington-Surrey, England.

Please reply via email to sasminkey@eng.xyplex.com rather than  
posting.

Thanks and 73...

Scott W01G

=====

Scott Sminkey  
Software Sustaining Engineering  
Xyplex, Inc.  
295 Foster St.  
Littleton, MA 01460  
voice: 508 952-4792  
fax: 508 952-4702  
email: sasminkey@eng.xyplex.com  
(Opinions, comments, etc. are mine, not Xyplex's...)

-----  
Date: Sun, 25 Apr 93 17:50:38 EST  
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!  
noc.near.net!balder!loki!ka1zex@network.UCSD.EDU  
Subject: What offsets are used for vh  
To: info-hams@ucsd.edu

On Sun, 25 Apr 93 16:14:47 GMT, washer@sequent.com writes:

>  
> Can anyone tell me what offsets are used on public service vhf-hi (154MHz)  
> repeaters? Is it always the same (like 2meter ham is now)?  
>  
> Just in case you're wondering why I want this info, I'd like to play with  
> DF-ing public service vehicles.  
>  
> - jim KG7HH washer@sequent.com  
>  
>

all different offsets, around here they are weird, like some are a whole  
MHZ up or down...

-----  
Date: Mon, 26 Apr 1993 04:17:27 GMT  
From: nwnexus!ole!ssc!markz@uunet.uu.net  
Subject: What offsets are used for vhf-hi public service repeaters  
To: info-hams@ucsd.edu

James Washer (washer@sequent.com) wrote:

:  
: Can anyone tell me what offsets are used on public service vhf-hi (154MHz)  
: repeaters? Is it always the same (like 2meter ham is now)?  
:  
: Just in case you're wondering why I want this info, I'd like to play with  
: DF-ing public service vehicles.

The local suburbs here that still run on the 15x frequencies run  
simplex. 150 Watt mobiles. (and people are worried about cellphones.)

A quick look at part 90 of the FCC regulations doesn't show same  
pattern of an equal number frequencies allocated to mobile or  
base-and-mobile for the 15x frequencies that the 453 and 460 MHz  
frequencies do.

Mark Zenier markz@ssc.wa.com markz@ssc.com

-----  
Date: Mon, 26 Apr 1993 05:27:27 GMT  
From: nwnexus!ole!ssc!tad@uunet.uu.net  
To: info-hams@ucsd.edu

References <Ny6a3B1w165w@stock.apana.org.au>, <1993Apr20.213614.29801@ke4zv.uucp>,  
<1993Apr21.000247.26363@samba.oit.unc.edu>

Subject : Re: My thoughts...

In article <1993Apr21.000247.26363@samba.oit.unc.edu> Kirk.Smith@launchpad.unc.edu  
(Kirk Smith) writes:

>  
>This latest thread about 2m=CB has gotten me thinking. How is using an  
>outdated mode of communications (ie: CW) to do contesting, ragchews,  
>and signal report exchanges to get that coveted QSL card so much more  
>"experimental" or justified than a 2m rag-chew?

Huh? How is 2m FM, where we while away the hours with inane yakking  
during rush hour more "advanced" than the "outdated" CW?

It seems to me that  
>there's room in amateur radio for everyone, whether they're hard-core  
>hardware hackers into building their entire system themselves (I can  
>only assume you're not reading handbooks to get your design plans) or  
>someone interested in doing public safety comms, learning about simple  
>antenna design, writing packet software, contesting, or whatever suits  
>their fancy.  
>  
>I read this newsgroup for more than two years prior to taking the exam  
>and getting licensed, and the cw bigots didn't scare me away. I can  
>only hope that other newcomers aren't scared away from this great  
>hobby.  
>  
>-ks  
>KD6RCT  
>  
>--  
> The opinions expressed are not necessarily those of the University of  
> North Carolina at Chapel Hill, the Campus Office for Information  
> Technology, or the Experimental Bulletin Board Service.  
> internet: laUNCHpad.unc.edu or 152.2.22.80

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